

IN THE CLAIMS:

Claim 1 (previously presented) A projector comprising:

an optical system including:

a light source that emits a light beam;

a color beam splitting optical system that splits the light beam from the light source into sub-beams of predetermined colors;

electro-optical devices that modulate the color beams split by the color beam splitting optical system in accordance with image information;

a color beam combining optical system that combines the color sub-beams modulated by the electro-optical devices; and

a projection lens that projects a resultant beam combined by the color beam combining optical system;

an open inner case to which optical components constituting the optical system are attached;

vertically separable outer cases; and

an enclosure which is constituted by the inner case and the one of the outer cases; the open inner case being covered with said one of the outer cases so as to accommodate at least the color beam splitting optical system in the enclosure.

Claim 2 (cancelled)

Claim 3 (previously presented) The projector according to claim 1, wherein the projection lens

is attached to the inner case.

Claim 4 (previously presented) The projector according to claim 1, wherein a thermal insulation material is interposed between the open inner case and said one of the outer cases.

Claim 5 (original) The projector according to claim 4, wherein thermal insulation material is formed in a shape of a sheet.

Claim 6 (previously presented) The projector according to claim 1, wherein a prism attached to the open inner case, the prism constituting the color beam combining optical system.

Claim 7 (previously presented) The projector according to claim 6, wherein a recessed portion is formed adjacent to the projection lens on a top outside of open the inner case, and  
the electro-optical device and the prism constituting the color beam combining optical system are arranged in the recessed portion.

Claim 8 (previously presented) The projector according to claim 6, wherein an air vent is provided adjacent to the prism.

Claim 9 (previously presented) The projector according to claim 1, wherein a mirror and a lens, constituting the optical system are fixed together by resilient clips.

Claim 10 (previously presented) The projector according to claim 1, wherein a cable electrically connects the electro-optical device to a driver board that controls the electro-optical device is led out from one side of the electro-optical device to the driver board.

Claim 11 (previously presented) The projector according to claim 10, wherein the driver board that controls the electro-optical device is disposed on the top outside of the inner case.

Claim 12 (original) The projector according to claim 11, wherein a notched portion is formed on the driver board, and a fan that cools the electro-optical device is accommodated in the notched portion.

Claim 13 (previously presented) The projector according to claim 1, wherein the driver board that controls the electro-optical device is disposed adjacent to the outer case where the open inner case is fixed.

Claim 14 (previously presented) The projector according to claim 1, wherein said one of the outer cases is fixed to the open inner case for positioning and supporting this optical components.

Claim 15 (previously presented) The projector according to claim 1, wherein the open inner case and said one of the outer cases that accommodates the color beam splitting optical system are fixed with screws to each other.

Claim 16 (previously presented) The projector according to claim 1, wherein part of a housing that holds the light source is placed on an outer surface of said one of the outer cases, and is attachable to or detachable from said one of the outer cases.

Claim 17 (previously presented) The projector according to claim 16, wherein said housing that holds the light source is formed of a resin.

Claim 18 (previously presented) The projector according to claim 1, comprising an insulation coating film is applied to the open inner case in facing relation to said light source..

Claim 19 (previously presented) The projector according to claim 1, wherein the open inner case is formed of a resin or metal.

Claim 20 (original) The projector according to claim 1, wherein the open inner case is formed of a resin or metal.